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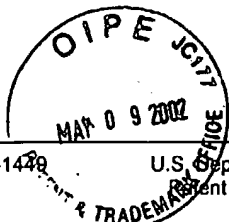
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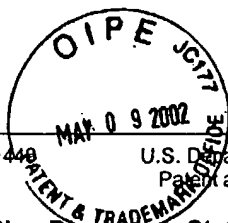


<b>Substitute Form PTO-1449</b> (Modified)  <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Attorney's Docket No.</b> 06975-113001	<b>Application No.</b> 09/848,232
	<b>Applicant</b> Barry Appelman et al.		
	<b>Filing Date</b> May 4, 2001	<b>Group Art Unit</b> <del>2152</del> <b>2142</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,085,223	07/04/2000	Carino, Jr. et al.			
	AB	5,951,643	09/14/1999	Shelton et al.			
	AC	5,951,652	09/14/1999	Ingrassia, Jr. et al.			
	AD	5,954,798	09/21/1999	Shelton et al.			
	AE	5,742,905	04/21/1998	Pepe et al.			
	AF	5,793,365	08/11/1998	Tang et al.			
	AG	5,721,906	02/24/1998	Siefert			
	AH	5,991,791	11/23/1999	Siefert			
	AI	6,026,403	02/15/2000	Siefert			
	AJ	6,151,584	11/21/2000	Papierniak et al.			
	AK	6,014,638	01/11/2000	Burge et al.			
	AL	6,012,051	01/04/2000	Sammon, Jr. et al.			
	AM	6,009,413	12/28/1999	Webber et al.			
	AN	5,920,692	07/06/1999	Nguyen et al.			
	AO	5,557,659	09/17/1996	Hyde-Thomson			
	AP	5,774,670	06/30/1998	Montulli			
	AQ	5,878,219	03/02/1999	Vance, Jr. et al.			
	AR	6,026,429	02/15/2000	Jones et al.			
	AS	5,893,099	04/06/1999	Schreiber et al.			
	AT	6,166,730	12/26/2000	Goode et al.			
	AU	5,893,091	04/06/1999	Hunt et al.			
	AV	5,327,486	07/05/1994	Wolff et al.			
	AW	5,557,659	09/17/1996	Hyde-Thomson			
	AX	5,920,692	07/06/1999	Nguyen et al.			

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Foreign Patent Documents or Published Foreign Patent Applications													
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation						
							Yes	No					
<b>Examiner Signature</b> 				<b>Date Considered</b> 8/17/2004 <i>All of above</i>									
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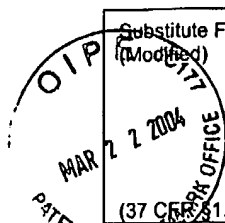


Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>06975-113001</b>	Application No. <b>09/848,232</b>
	Applicant <b>Barry Appelman et al.</b>		
	Filing Date <b>May 4, 2001</b>	Group Art Unit <b>2152 2142</b>	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
ABW	AY	WO 97/10558	03/20/1997	WIPO	G06F	17/30		
ABW	AZ	WO 97/46955	12/11/1997	WIPO	G06F	17/30		
ABW	AAA	WO 98/16045	04/16/1998	WIPO	H04L	29/06		
ABW	ABB	WO 99/08434	02/18/1999	WIPO	H04M	7/00		

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>ABW</i>	ACC	"AOL technology: turning complicated things into engaging services", 1996 Annual Report, 22 pages.
<i>ABW</i>	ADD	"YAHOO! Messenger Makes the World a Little Smaller, More Informed", pp. 1-2, June 21, 1999.
<i>ABW</i>	AEE	Alan Cohen, "Instant Messaging", 4/13/99, PC Magazine, PC Labs, 2 pages.
<i>ABW</i>	AFF	"AOL Instant Messenger Windows Beta Features", 06/24/99, 2 pages, AOL Instant Messenger All New Version 2.0, 2 pages, 06/24/99, What is AOL Instant Messenger, 3 pages, 06/24/99, Quick Tips for Getting Started, 5 pages, 06/24/99, Frequently Asked Questions About AOL Instant Messenger, 6 pages, 06/24/99.

Examiner Signature <i>[Signature]</i>	Date Considered <b>8/17/2004</b>
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	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06975-113001	Application No. 09/848,232
	<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)			Applicant Barry Appelman et al.
				Filing Date May 4, 2001

## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<u>RBH</u>	AA	2002/0065894	05/30/2002	Dalal et al.			
<u>RBH</u>	AB	5,533,110	07/02/1996	Pinard et al.			
<u>RBH</u>	AC	5,608,786	03/04/1997	Gordon			
<u>RBH</u>	AD	5,850,594	12/15/1998	Cannon et al.			
<u>RBH</u>	AE	5,870,744	02/09/1999	Sprague			
<u>RBH</u>	AF	5,872,521	02/16/1999	Lopatukin et al.			
<u>RBH</u>	AG	6,260,148	07/10/2001	Aggarwal et al.			
<u>RBH</u>	AH	6,269,369	07/31/2001	Robertson			
<u>RBH</u>	AI	6,301,609	10/09/2001	Aravamudan et al.			
<u>RBH</u>	AJ	6,389,127	05/14/2002	Vardi et al.			
<u>RBH</u>	AK	6,415,318	07/02/2002	Aggarwal et al.			
<u>RBH</u>	AL	6,425,012	07/23/2002	Trovato et al.			
<u>RBH</u>	AM	6,449,344	09/10/2002	Goldfinger et al.			
<u>RBH</u>	AN						

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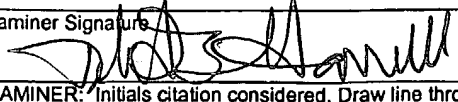
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## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<u>RBH</u>	AO	EPO862304A2	09/02/1998	EPO				
<u>RBH</u>	AP	EP1176840A1	01/30/2002	EPO				
<u>RBH</u>	AQ							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<u>RBH</u>	AR	"What new about exchanging information over the Internet," Outlook 2000 SR-1 (9.0.0.4527) Help File, on or before August 10, 2001, page 1.
<u>RBH</u>	AS	"About Internet directory services," Outlook 2000 SR-1 (9.0.0.4527) Help File, on or before August 10, 2001, page 1.

Examiner Signature 	Date Considered <u>2/17/2004</u>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

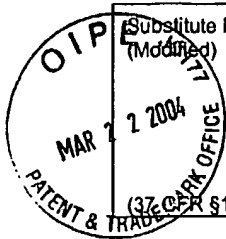
Substitute Form PTO-1449 (Modified) MAR 22 2004 U.S. DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06975-113001	Application No. 09/848,232
	<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Barry Appelman et al.
	Filing Date May 4, 2001	Group Art Unit 2152 2142	MAR 3 2004

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## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>[Signature]</i>	AT	"Set up LDAP directory services," Outlook 2000 SR-1 (i.0.0. 4527) Help File, on or before August 10, 2001, page 1.
<i>[Signature]</i>	AU	"Look up contact information from an item," Outlook 2000 SR-1 (9.0.0. 4527) Help File, on or before August 10, 2001, page 1.
<i>[Signature]</i>	AV	J.C. Cannon, "Design Guide for Directory-Enabled Applications," [online], April 2001 [retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://msdn.microsoft.com/library/enus/dnactdir/html/BuildingADApps.asp?frame=true">http://msdn.microsoft.com/library/enus/dnactdir/html/BuildingADApps.asp?frame=true</a> , pages 1-9.
<i>[Signature]</i>	AW	Microsoft Corporation, "Using ADSI, LDAP, and Network Management Functions With Active Directory," [online], February 2002 [retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://msdn.microsoft.com/library/enus/dnactdir/html/BuildingADApps.asp?frame=true">http://msdn.microsoft.com/library/enus/dnactdir/html/BuildingADApps.asp?frame=true</a> , pages 1-9.
<i>[Signature]</i>	AX	Microsoft Corporation, "Comparing Microsoft Active Directory to Novell's NDS," [online], September 1998 [retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://msdn.microsoft.com/library/enus/dnactdir/html/msdn_activedirvsnds.asp?frame=true">http://msdn.microsoft.com/library/enus/dnactdir/html/msdn_activedirvsnds.asp?frame=true</a> , pages 1-17.
<i>[Signature]</i>	AY	Microsoft Corporation, "Active Directory Services Interface in the Microsoft Exchange 5.5 Environment," [online], November 1997 [retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://msdn.microsoft.com/library/enus/dnactdir/html/msdn_adsiexch.asp?frame=true">http://msdn.microsoft.com/library/enus/dnactdir/html/msdn_adsiexch.asp?frame=true</a> , pages 1-12.
<i>[Signature]</i>	AZ	"Active Directory Service Overview," [online], November 30, 2001 [retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://www.microsoft.com/windows2000/server/evaluation/business/-addatasheet.asp">http://www.microsoft.com/windows2000/server/evaluation/business/-addatasheet.asp</a> , pages 105.
<i>[Signature]</i>	AAA	"Integrating Microsoft Metadirectory Services and Active Directory," [online], August 31, 2000 [retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://www.microsoft.com/windows2000/-server/evaluation/business/adwin2k.asp">http://www.microsoft.com/windows2000/-server/evaluation/business/adwin2k.asp</a> , page 1.
<i>[Signature]</i>	ABB	"Benefits of Active Directory in a Windows 2000 Environment," [online], September 20, 2001 [retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://www.microsoft.com/windows2000/-server/evaluation/business/adwin2k.asp">http://www.microsoft.com/windows2000/-server/evaluation/business/adwin2k.asp</a> , pages 1-9.
<i>[Signature]</i>	ACC	"Active Directory," [online], retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://www.microsoft.com/windows2000/technologies/directory/AD/default.asp">http://www.microsoft.com/windows2000/technologies/directory/AD/default.asp</a> , pages 1-13.
<i>[Signature]</i>	ADD	Microsoft Corporation, "Introduction to Active Directory Application Mode," Microsoft Windows Server 2003, August 2002, pages 1-13.
<i>[Signature]</i>	AEE	"Active Directory Features," [online], June 15, 1999 [retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://www.microsoft.com/windows2000/server/evaluation/features/adlist.asp">http://www.microsoft.com/windows2000/server/evaluation/features/adlist.asp</a> , pages 1-4.
<i>[Signature]</i>	AFF	"Windows 2000 Directory Services," [online], [retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://www.microsoft.com/windows2000/technologies/directory/default.asp">http://www.microsoft.com/windows2000/technologies/directory/default.asp</a> , pages 1-2.
<i>[Signature]</i>	AGG	"Directory Integration Can Lower Total Cost of Ownership and Increase Application Functionality," [online], July 27, 1998 [retrieved on 2003-05-13]. Retrieved from the Internet <a href="http://www.microsoft.com/presspass/press/1998/Jul98/ActivDPR.asp">http://www.microsoft.com/presspass/press/1998/Jul98/ActivDPR.asp</a> , pages 1 of 4.
<i>[Signature]</i>	AHH	William R. Stanek, Microsoft Windows 2000 Administrator's Pocket Consultant [online]. Microsoft Corporation, 1999 [retrieved on 2003-05-08]. Retrieved from the Internet < <a href="http://www.microsoft.com/technet/prodtechnol/ad/windows2000/evaluate/05w2kada.asp?fr...">http://www.microsoft.com/technet/prodtechnol/ad/windows2000/evaluate/05w2kada.asp?fr...</a> >, pages 1-6.
<i>[Signature]</i>	AII	"Enterprise Identity Management with Windows 2000 and Active Directory," [online], 1999 [retrieved on 2003-05-13]. Retrieved from the Internet < <a href="http://www.microsoft.com/technet/prodtechnol/ad/windows2000/evaluate/w2keims.asp?fra...">http://www.microsoft.com/technet/prodtechnol/ad/windows2000/evaluate/w2keims.asp?fra...</a> >, pages 1-16.

Examiner Signature <i>[Signature]</i>	Date Considered 8/17/2004
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 Substitute Form PTO-1449  
 (Modified)

 U.S. Department of Commerce  
 Patent and Trademark Office

 Attorney's Docket No.  
 06975-113001

 Application No.  
 09/848,232

**Information Disclosure Statement  
 by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

 Applicant  
 Barry Appelman et al.

 Filing Date  
 May 4, 2001

 Group Art Unit  
 2152 2142

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
<i>ajj</i>	AJJ	William R. Stanek, Microsoft Windows 2000 Administrator's Pocket Consultant [online]. Microsoft Corporation, 1999 [retrieved on 2003-05-08]. Retrieved from the Internet < <a href="http://www.microsoft.com/technet/prodtechnol/ad/windows2000/evaluate/05w2kadb.asp?fra...">http://www.microsoft.com/technet/prodtechnol/ad/windows2000/evaluate/05w2kadb.asp?fra...</a> >, pages 1-10.
<i>akk</i>	AKK	"Integrating Applications with Windows 2000 and Active Directory," [online], October 2000 [retrieved on 2003-05-08]. Retrieved from the Internet < <a href="http://www.microsoft.com/technet/prodtechnol/ad/windows2000/evaluate/adappstr.asp?fra...">http://www.microsoft.com/technet/prodtechnol/ad/windows2000/evaluate/adappstr.asp?fra...</a> >, pages 1-12.
<i>all</i>	ALL	"Part I: Active Directory Operations," Active Directory Operations Guide, Microsoft Corporation, Microsoft Windows 2000, Version 1.5, pages 1-187.
<i>amm</i>	AMM	"Part II: Tasks and Procedures Appendices," Active Directory Operations Guide, Microsoft Corporation, Microsoft Windows 2000, Version 1.5, pages 1-131.
<i>ann</i>	ANN	"The LP Wireless Messenger", Messenger Documentation, [online]. LP Wireless, Inc., 2001 [retrieved on 2002-11-02]. Retrieved from the Internet < <a href="http://www.lpwireless.com/messengerhelp.htm">http://www.lpwireless.com/messengerhelp.htm</a> >, pp. 1-7.

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Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
06975-113001Application No.  
09/848,232**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant  
Barry Appelman et al.Filing Date  
May 4, 2001Group Art Unit  
~~2152~~ 2142**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DA	AA	6,525,747	02/25/2003	Bezoz			
DA	AB	2002/0015061	02/07/2002	Maguire			
DA	AC	2003/0043201	03/06/2003	Abdelhadi et al.			
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**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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	AK							
	AL							
	AM							
	AN							
	AO							

**Other Documents (include Author, Title, Date, and Place of Publication)**

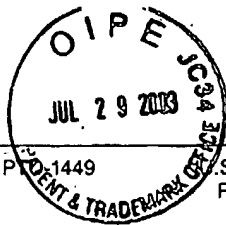
Examiner Initial	Desig. ID	Document
DA	AP	Copy of International Search Report for International Application No. PCT/US03/15715, mailed August 14, 2003.
	AQ	
	AR	
	AS	

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Date Considered

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Substitute Disclosure Form (PTO-1449)

Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06975-113001	Application No. 09/848,232
		Applicant Barry Appelman et al.	
		Filing Date May 4, 2001	Group Art Unit 2152 <b>2142</b>
		Information Disclosure Statement by Applicant (Use several sheets if necessary)	

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
✓ <b>DBT</b>	AL	02/073886	09/19/2002	PCT				
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
✓ <b>DBT</b>	AQ	Eschenburg, Wo laufen sie denn?, October 26, 1998, pgs. 92-95.
<b>DBT</b>	AR	Kohda et al., IMPP: A New Instant Messaging Standard and Its Impact on Internet Business, December 2000, Fujitsu Sci. Tech. J., 36, 2, pgs. 147-153.
	AS	
	AT	

Examiner Signature <b>[Signature]</b>	Date Considered <b>8/17/2004</b>
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